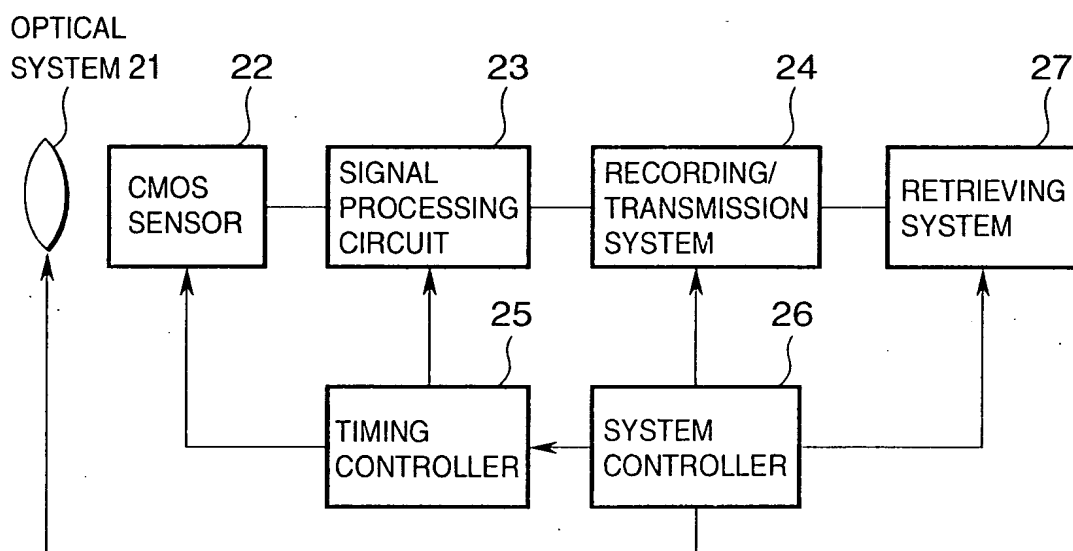


FIG. 1



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FIG. 2A

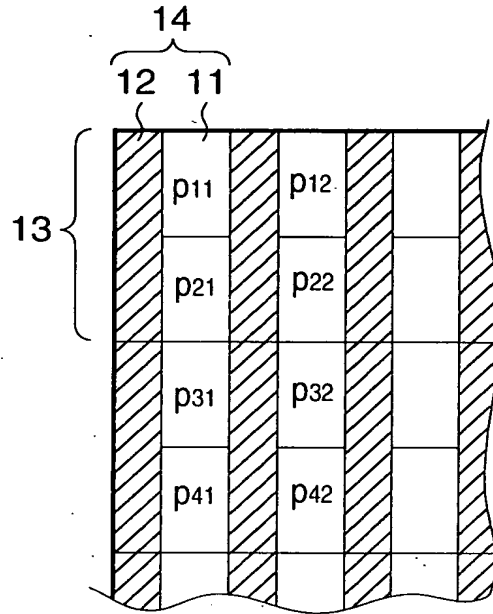


FIG. 2B

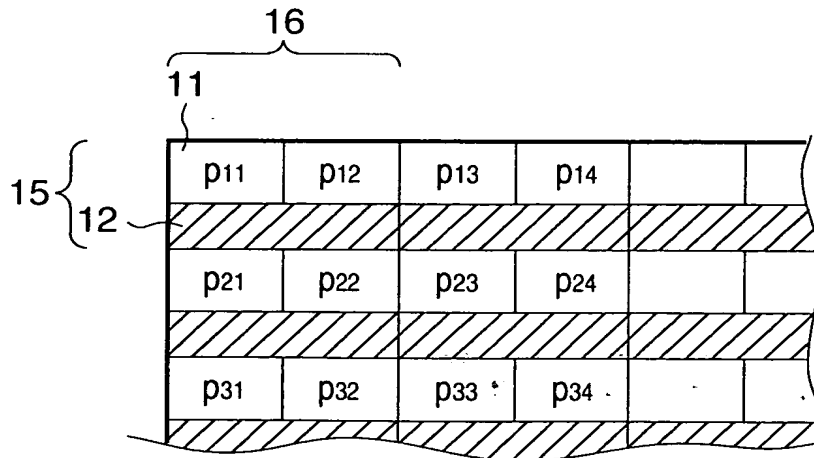
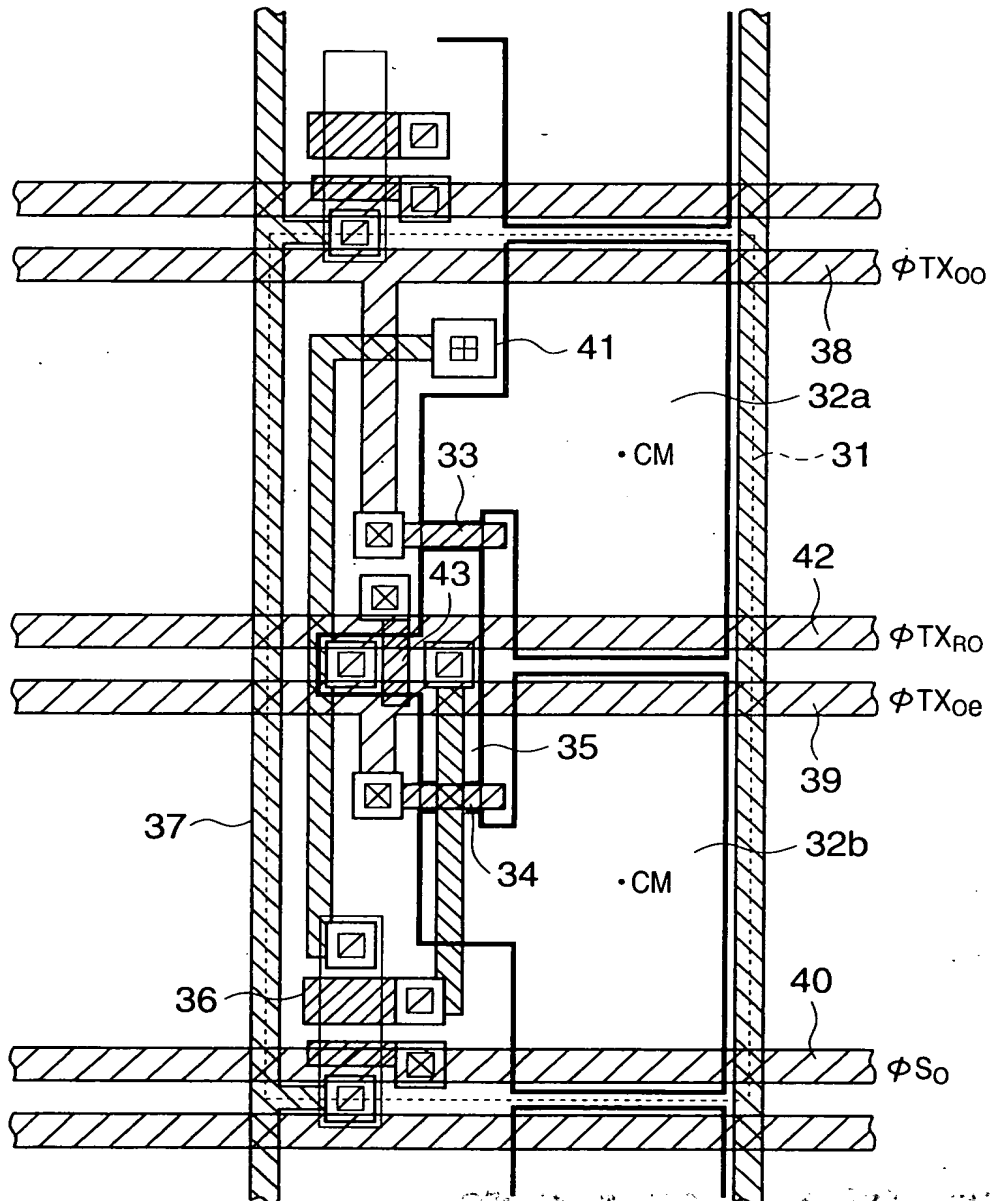


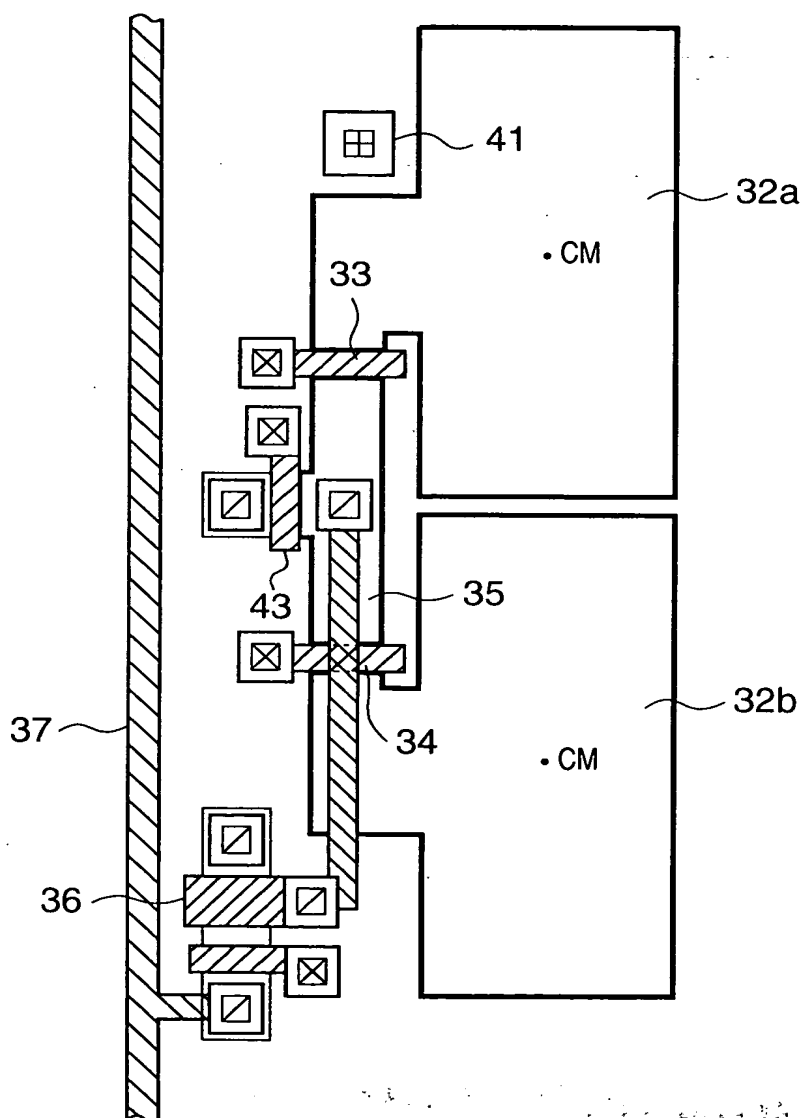
FIG. 3



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FIG. 4



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FIG. 5

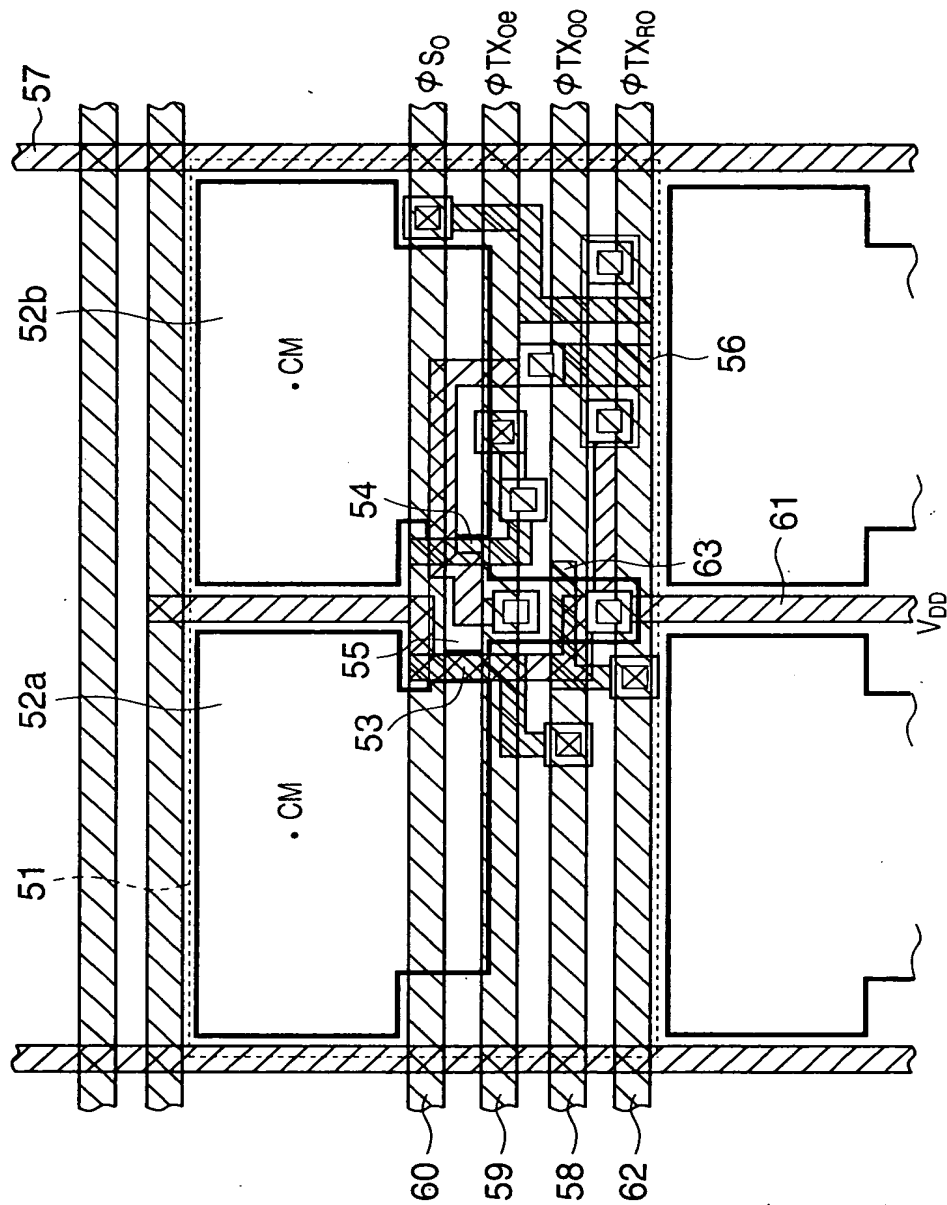


FIG. 6

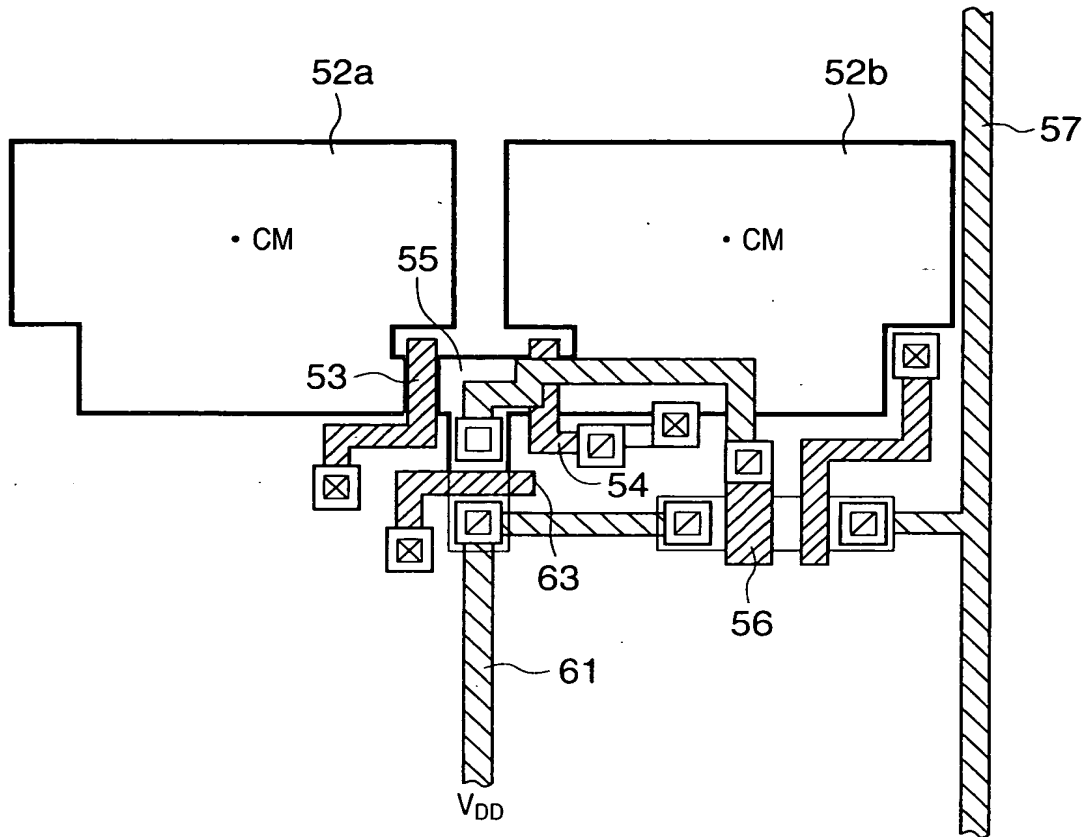


FIG. 7

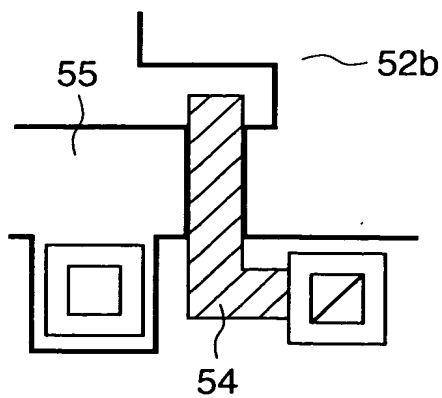
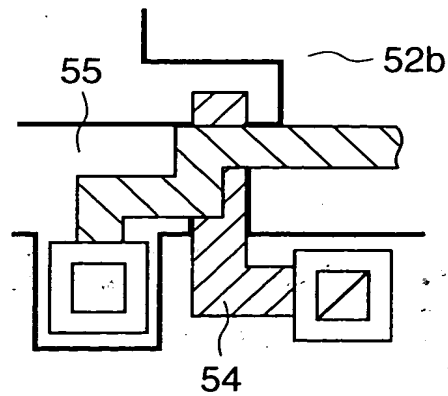


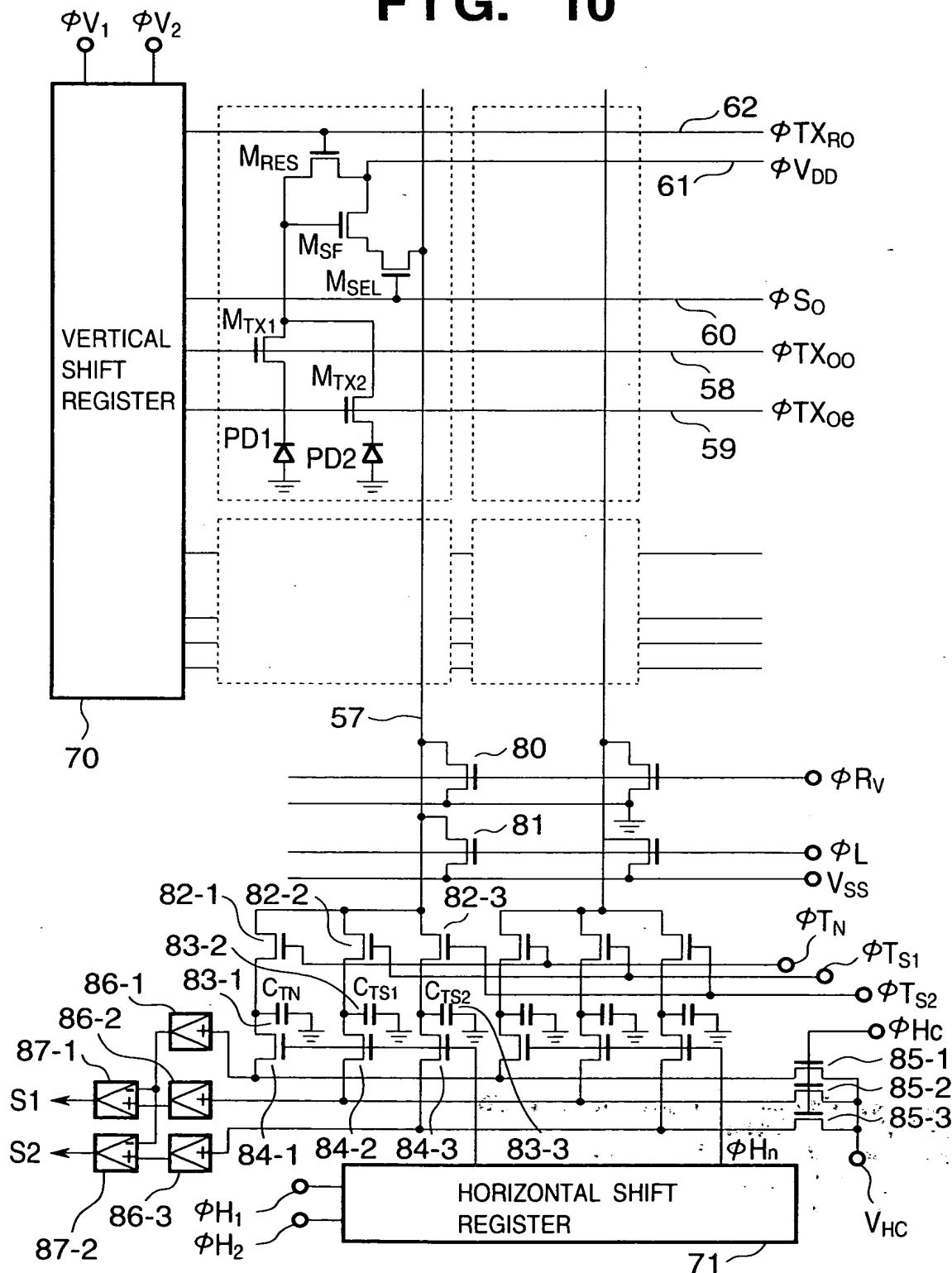
FIG. 8



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FIG. 10

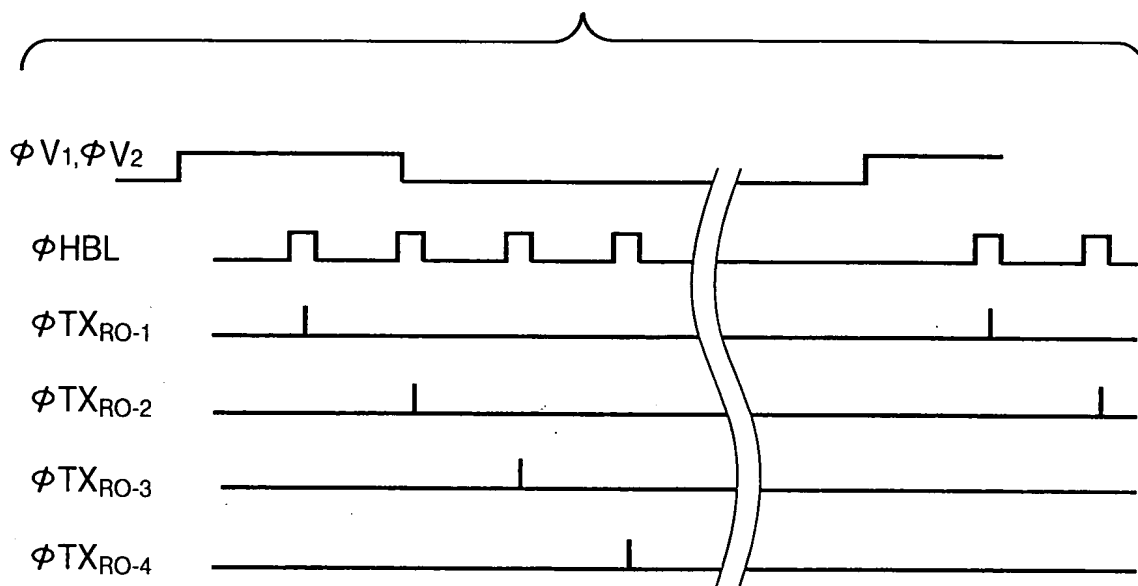


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APPROVED	O.G. FIG.	
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FIG. 11

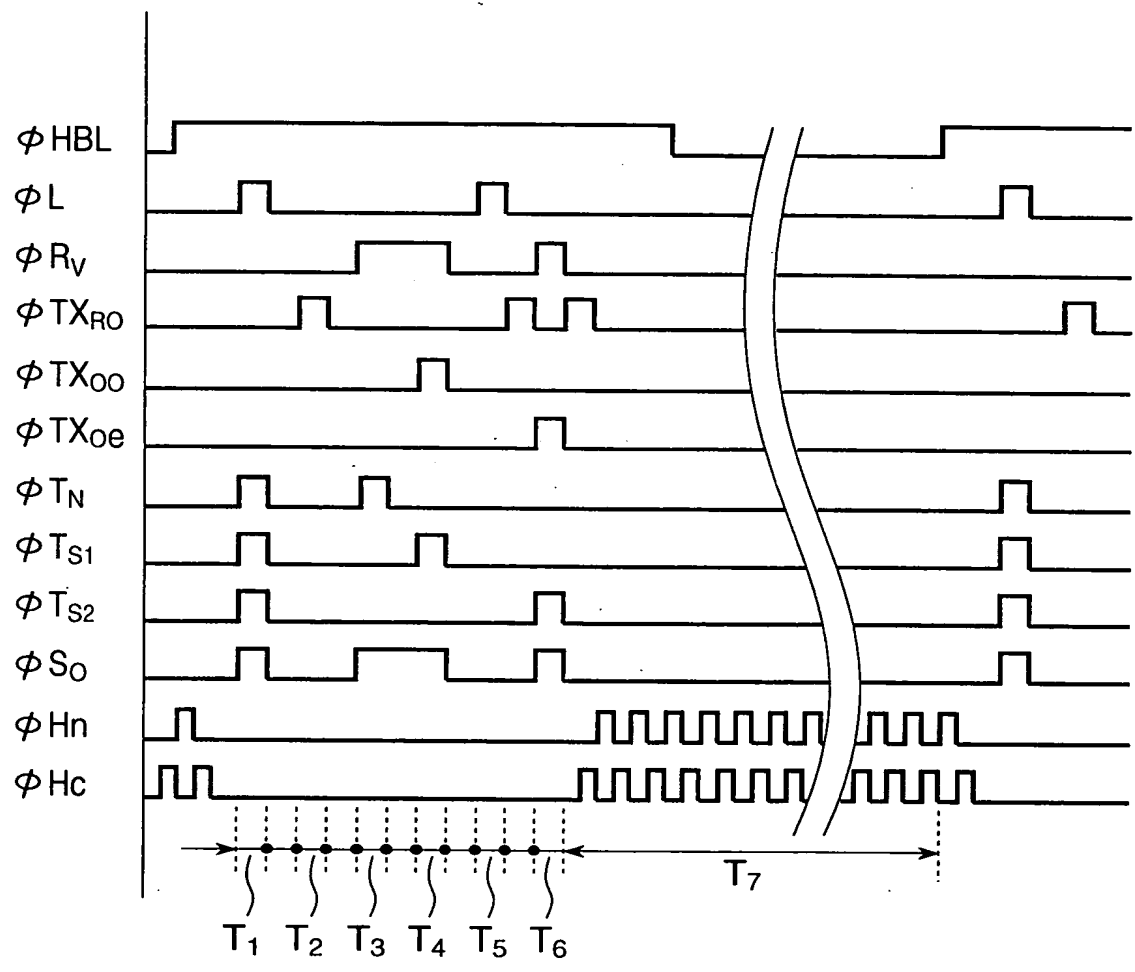


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FIG. 12



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FIG. 13

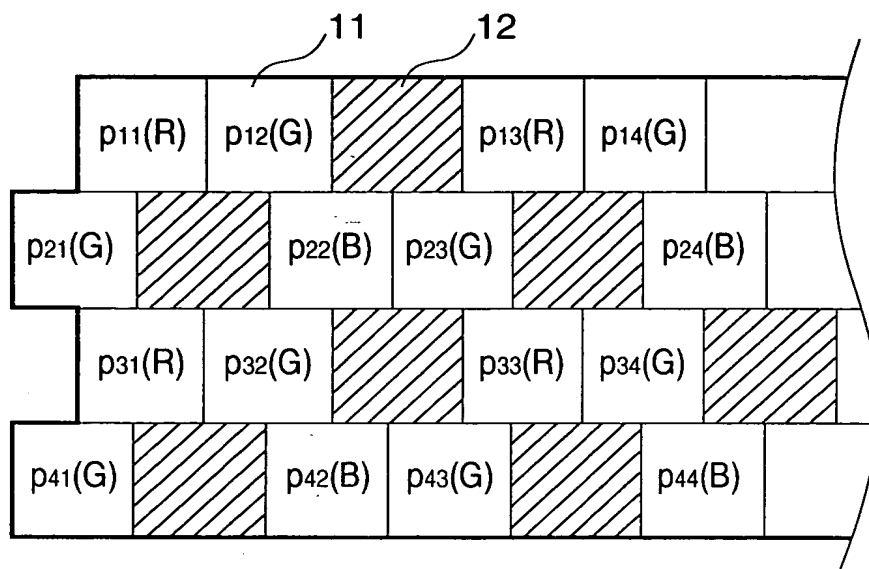
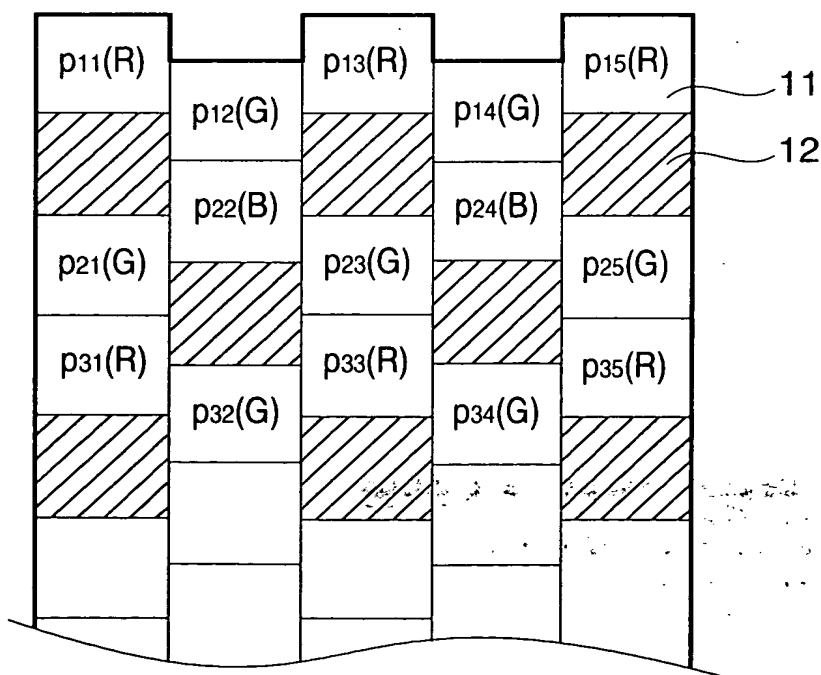
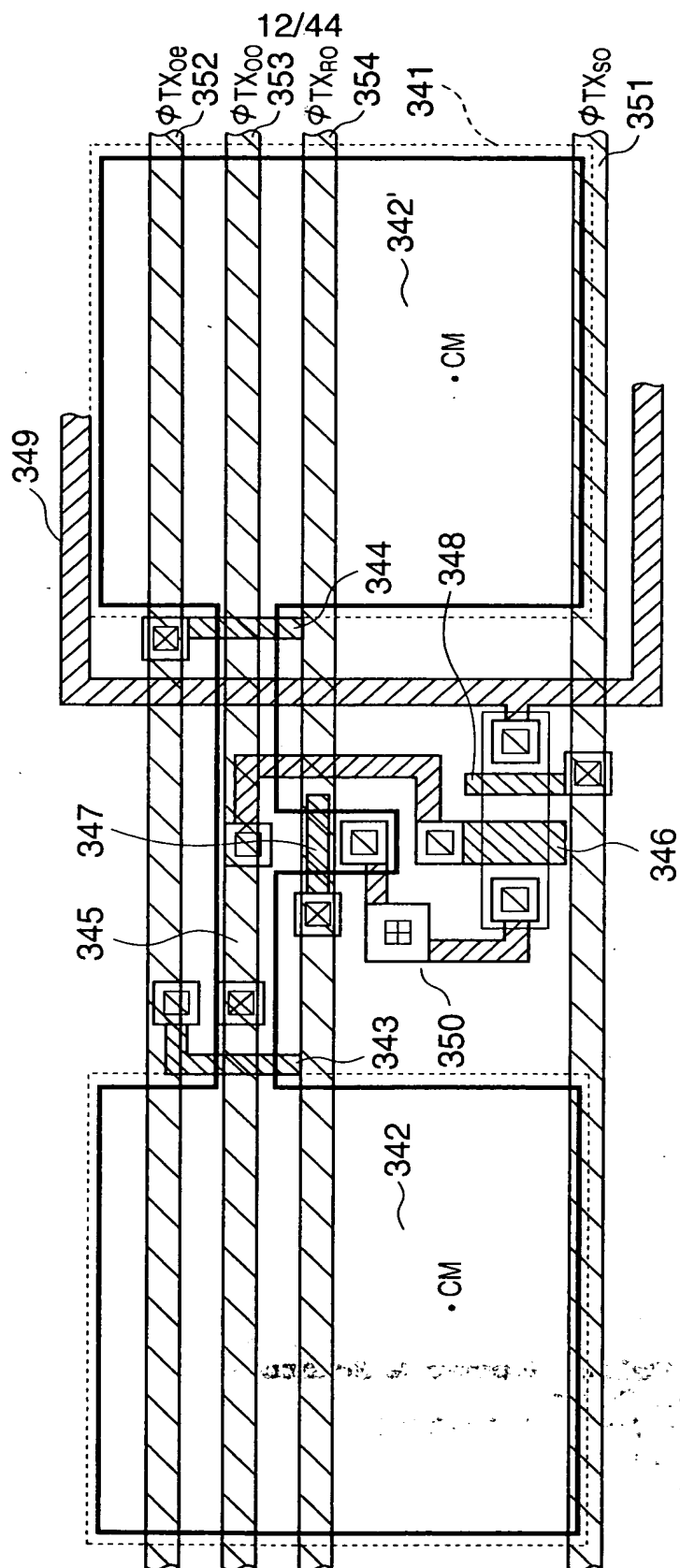


FIG. 14



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FIG. 15



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FIG. 16

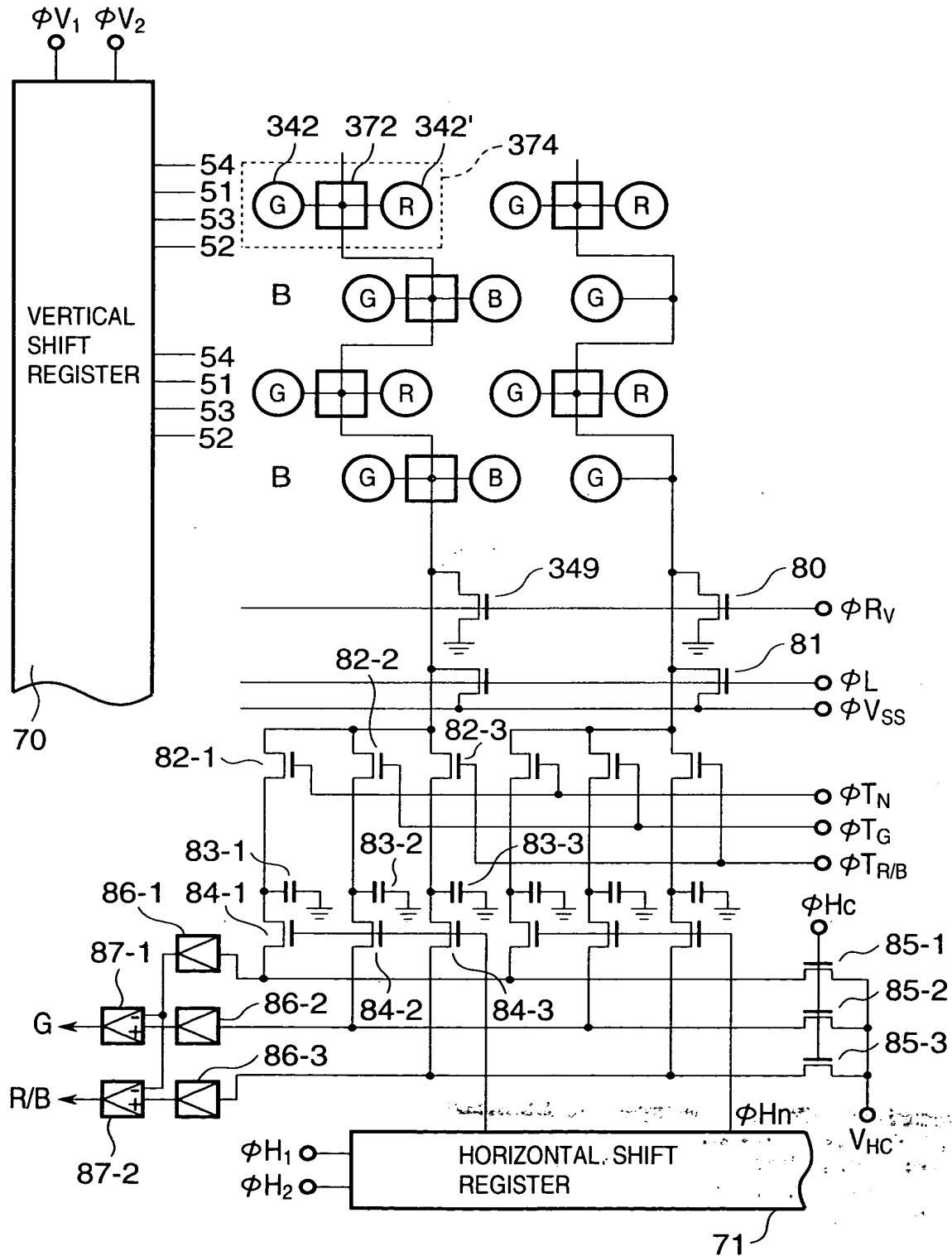
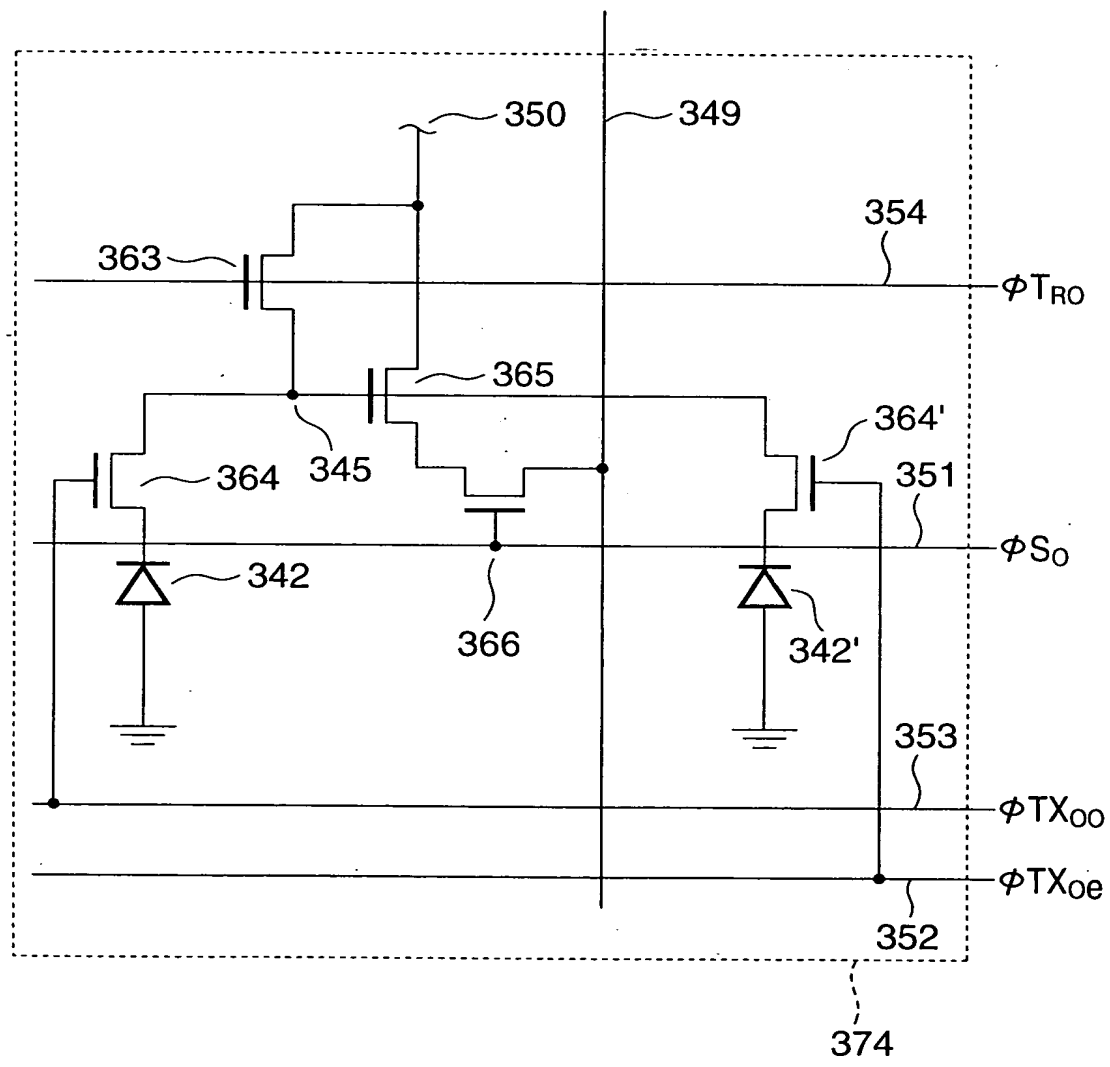


FIG. 17



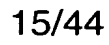
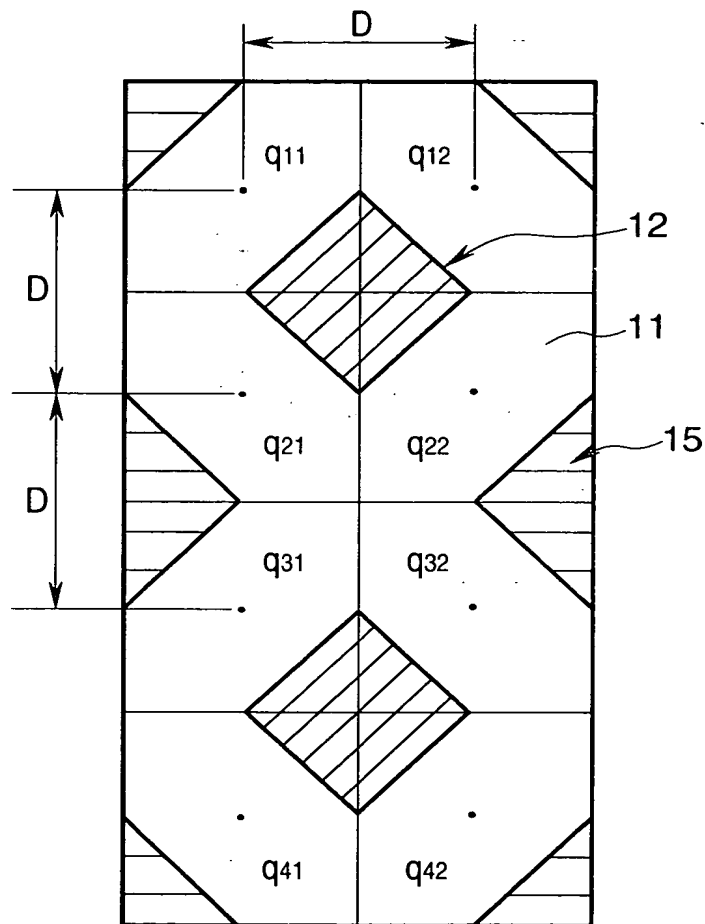


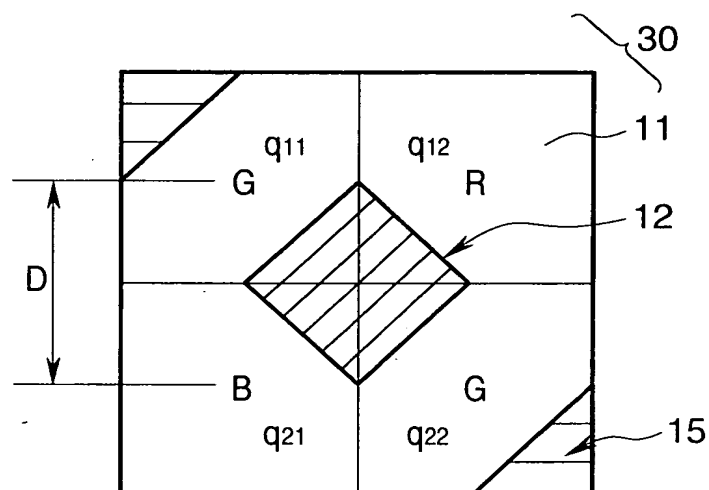
FIG. 19



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1. *Chlorophyll a* (Chl *a*) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum.

FIG. 21

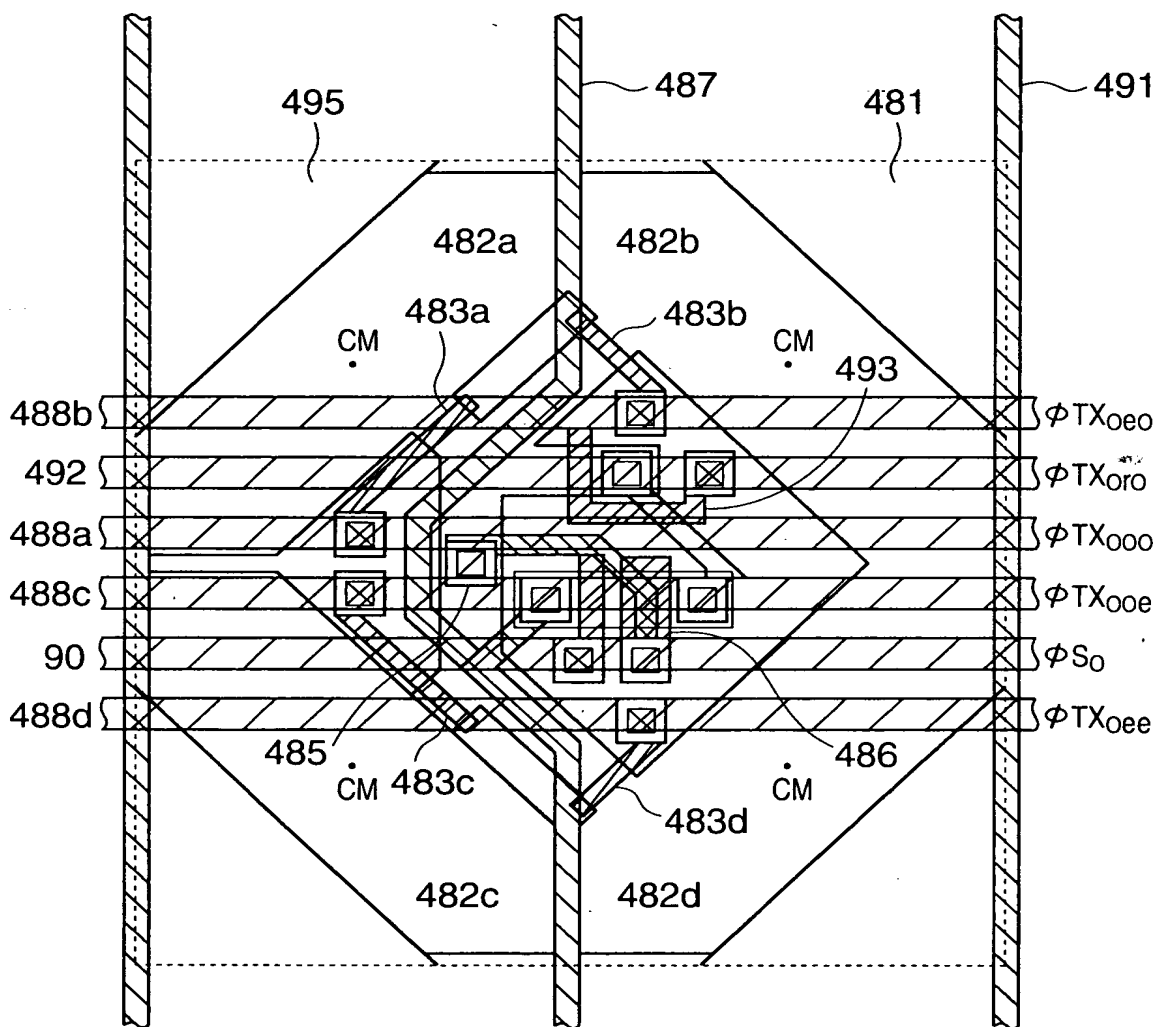


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FIG. 21 is a schematic diagram of a 2x2 grid with a central diamond. The grid is divided into four quadrants labeled q_{11} , q_{12} , q_{21} , and q_{22} . The top-left quadrant (q_{11}) contains a 'G' label and a diagonal line. The top-right quadrant (q_{12}) contains an 'R' label. The bottom-left quadrant (q_{21}) contains a 'B' label. The bottom-right quadrant (q_{22}) contains a 'G' label and a diagonal line. A central diamond shape, labeled '12', is formed by the intersection of the diagonals. The entire grid is labeled '30' at the top right. A vertical dimension line on the left is labeled 'D'. A diagonal line in the bottom-right quadrant is labeled '15'.

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FIG. 23



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FIG. 24

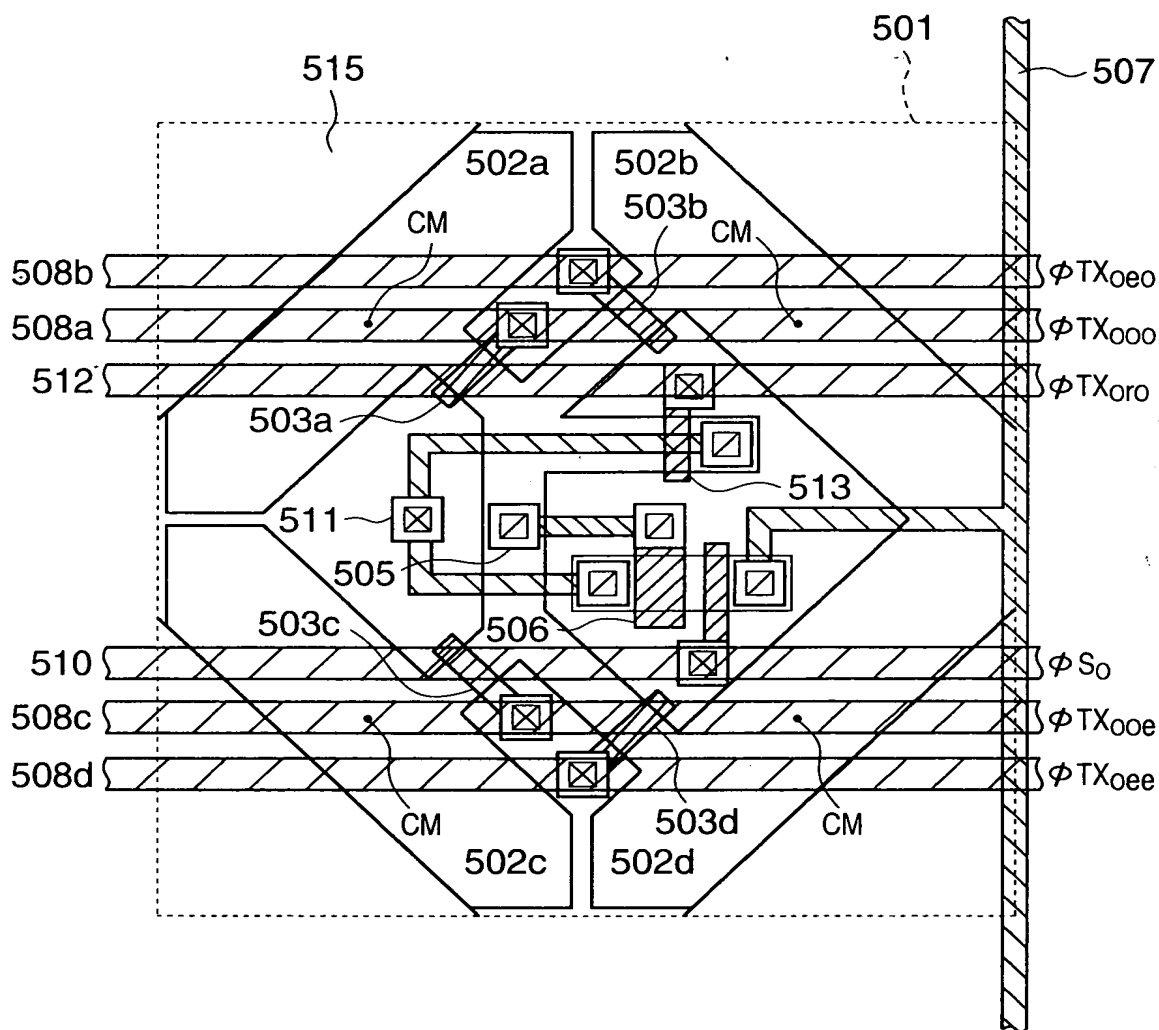
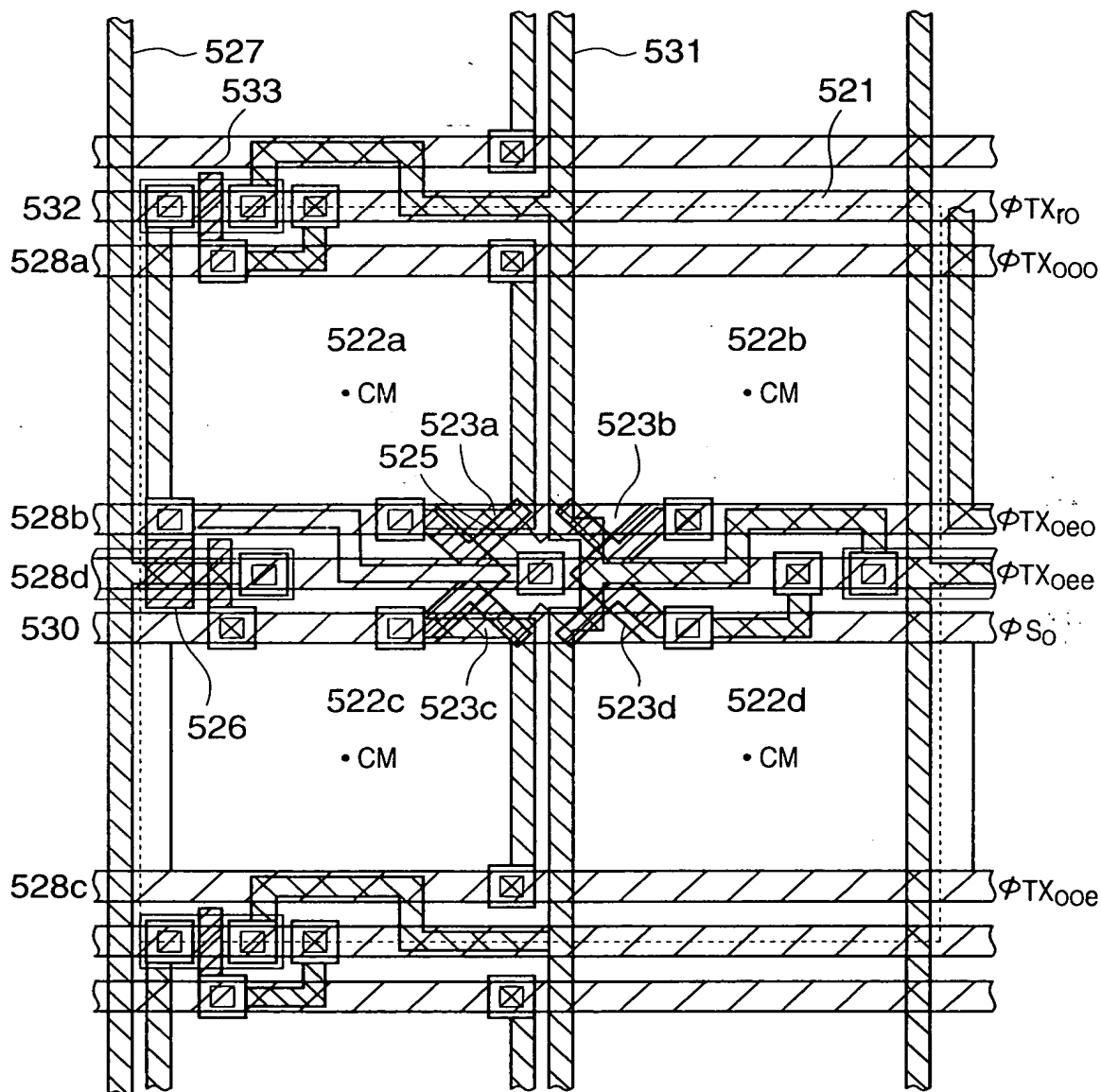
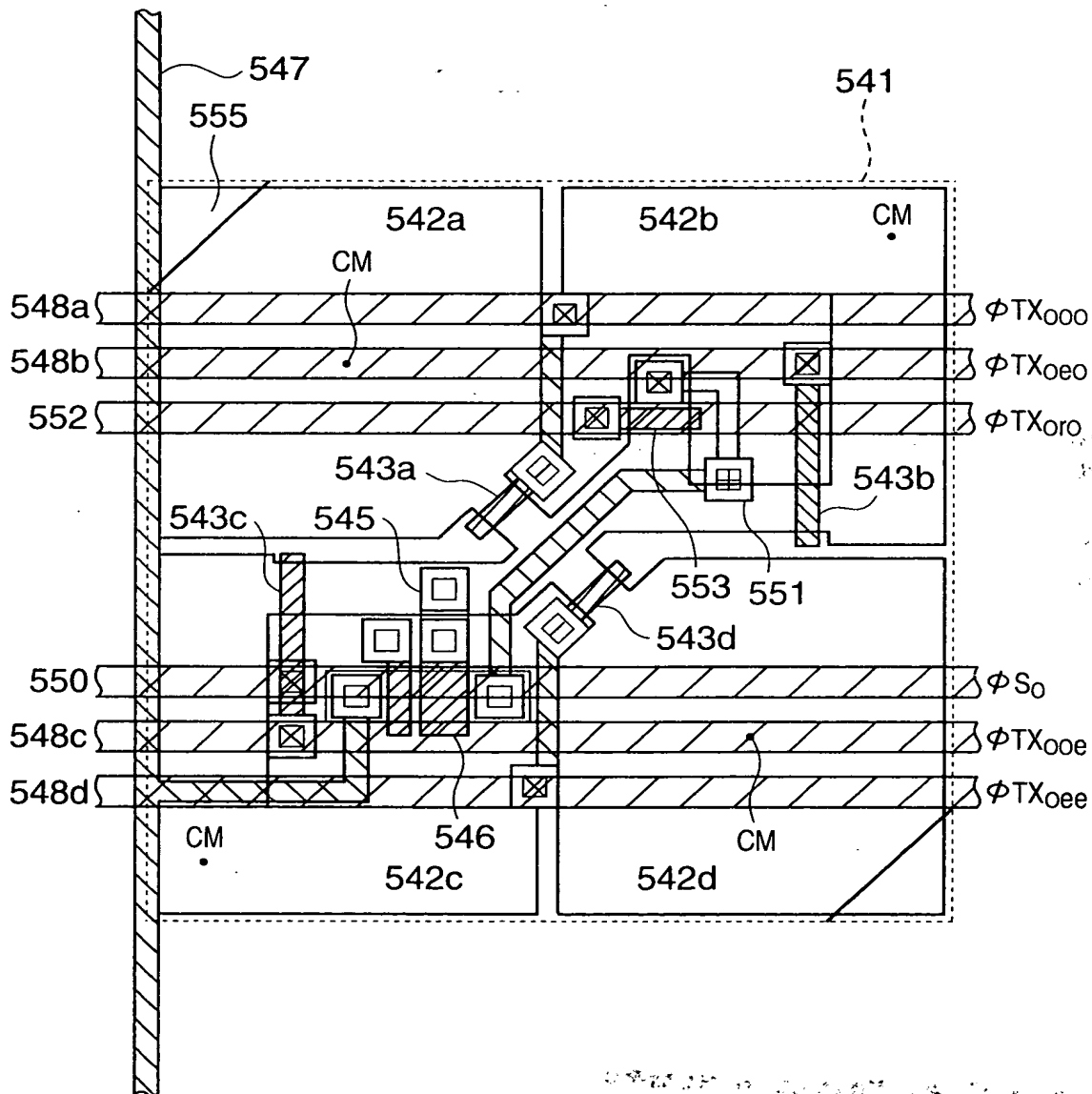


FIG. 26



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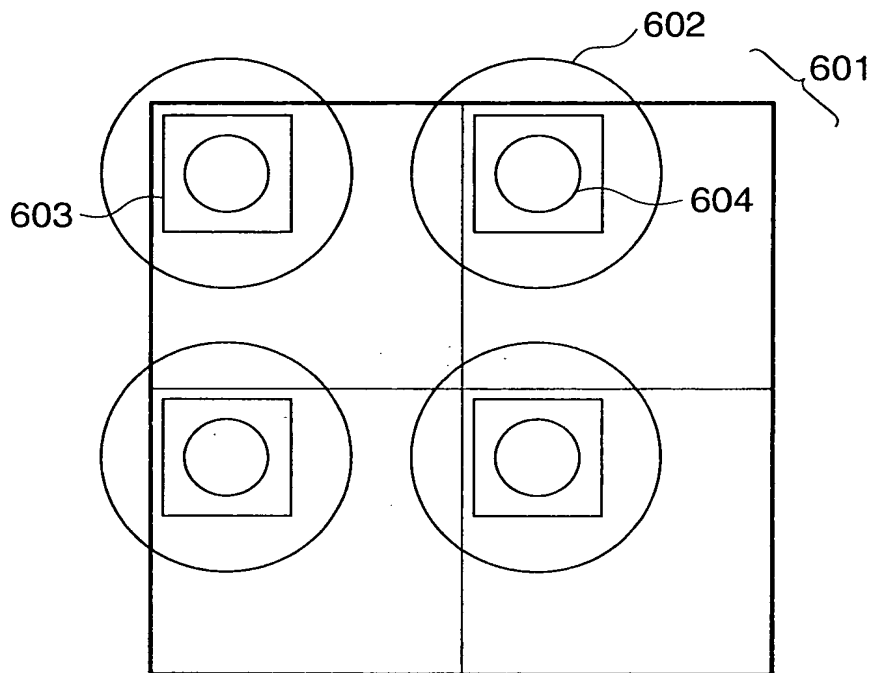
FIG. 28



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FIG. 29

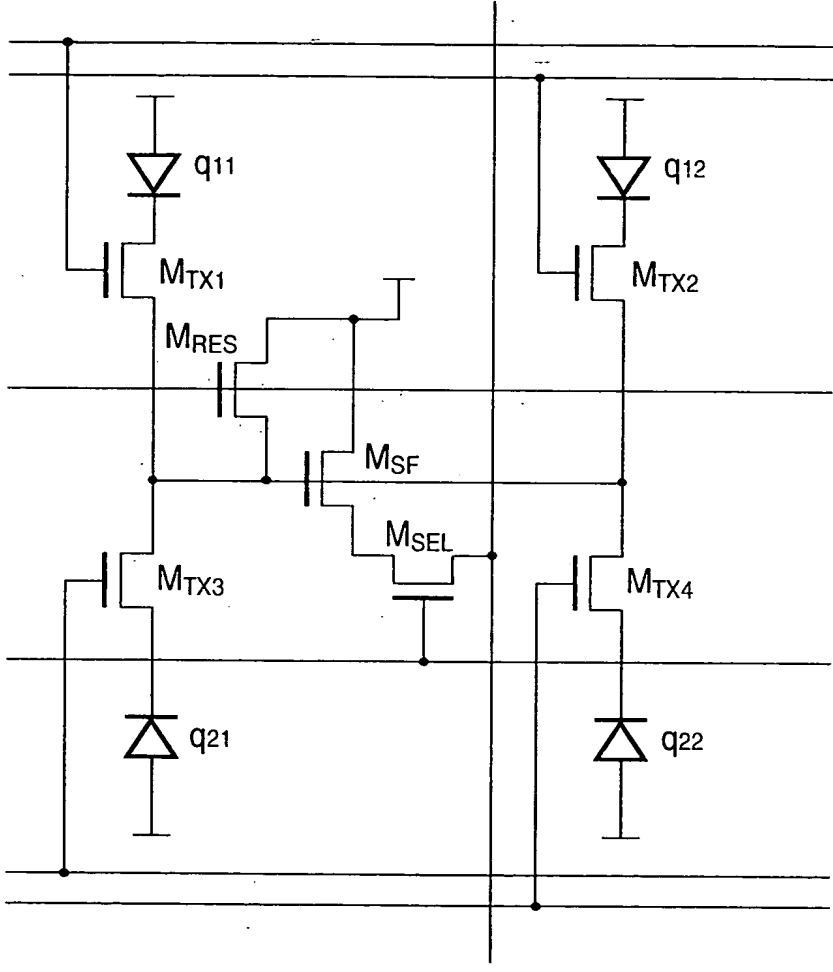


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APPROVED	O.G. FIG.	
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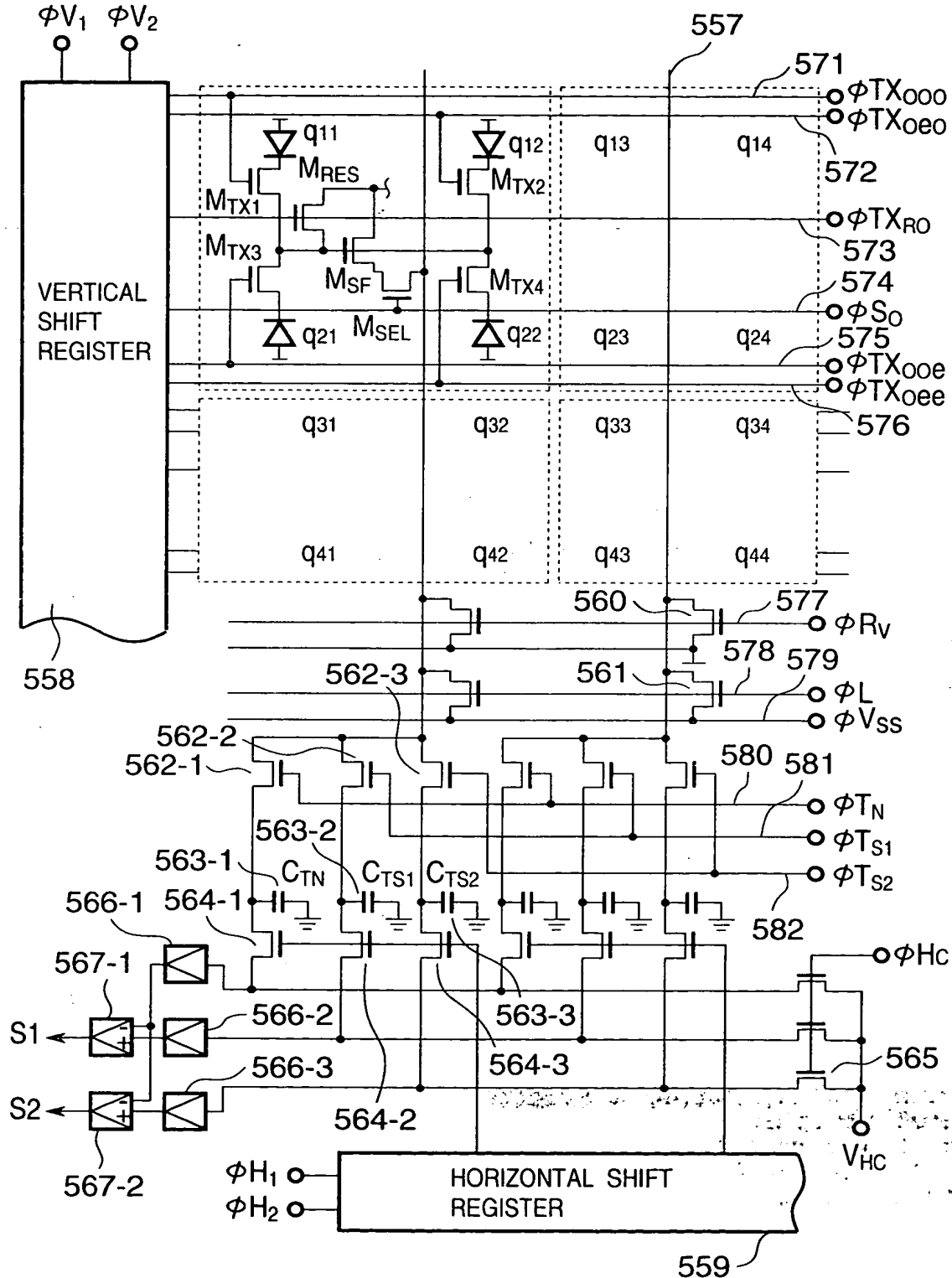
FIG. 30



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FIG. 31



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FIG. 32

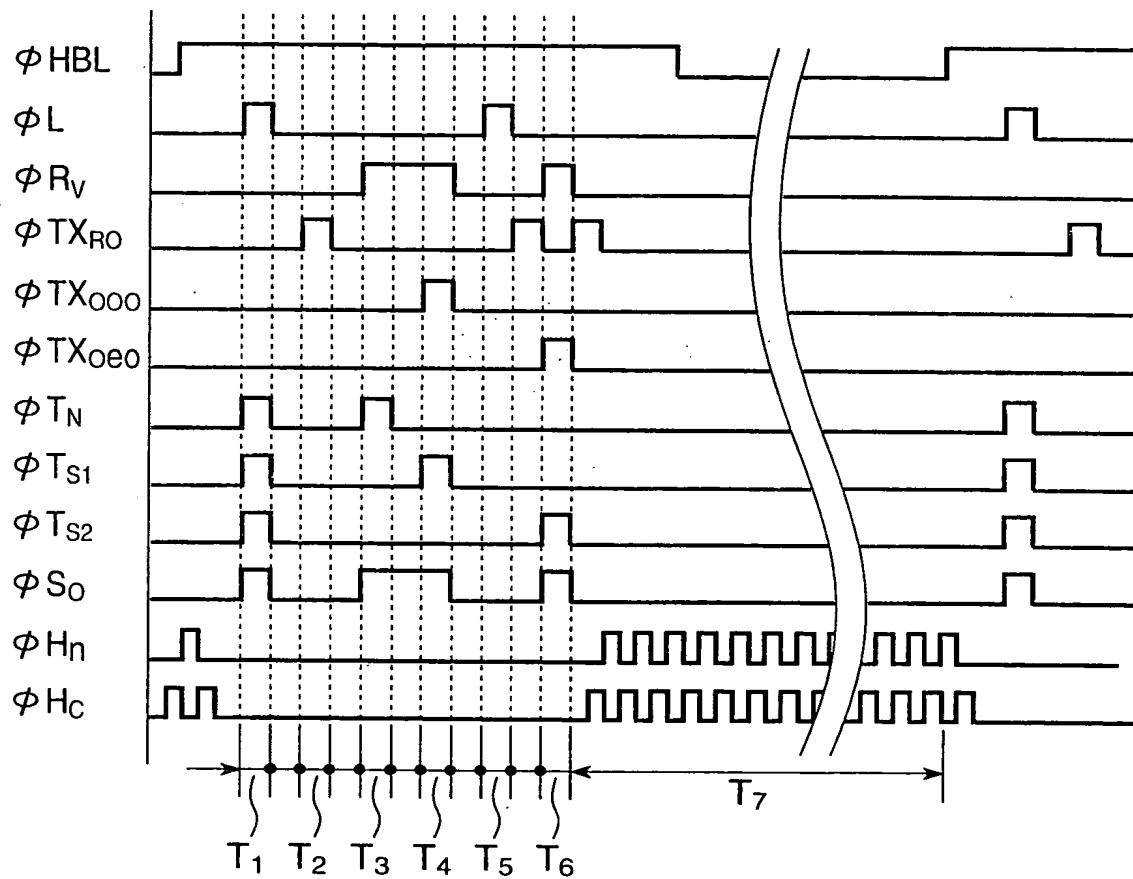
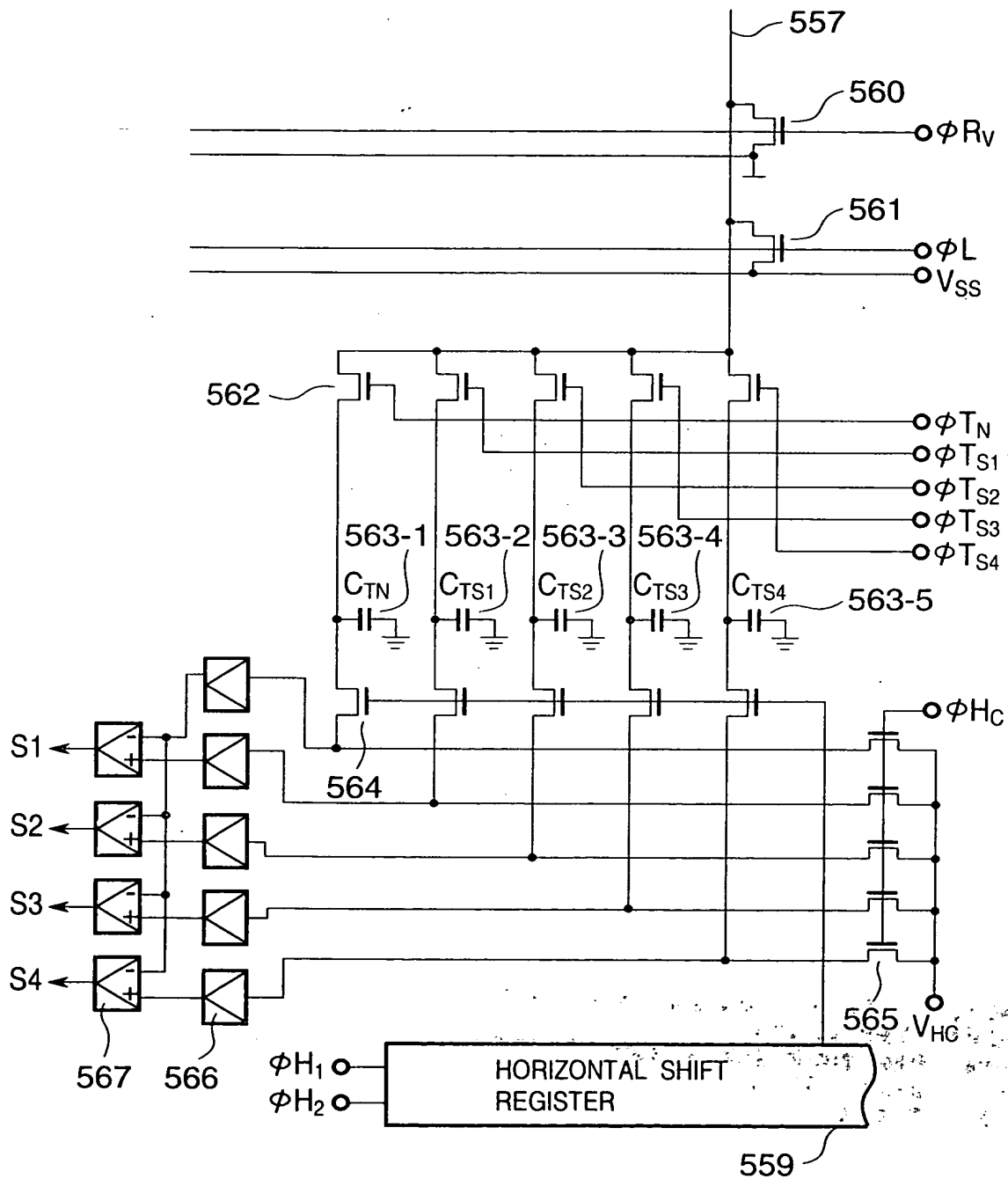
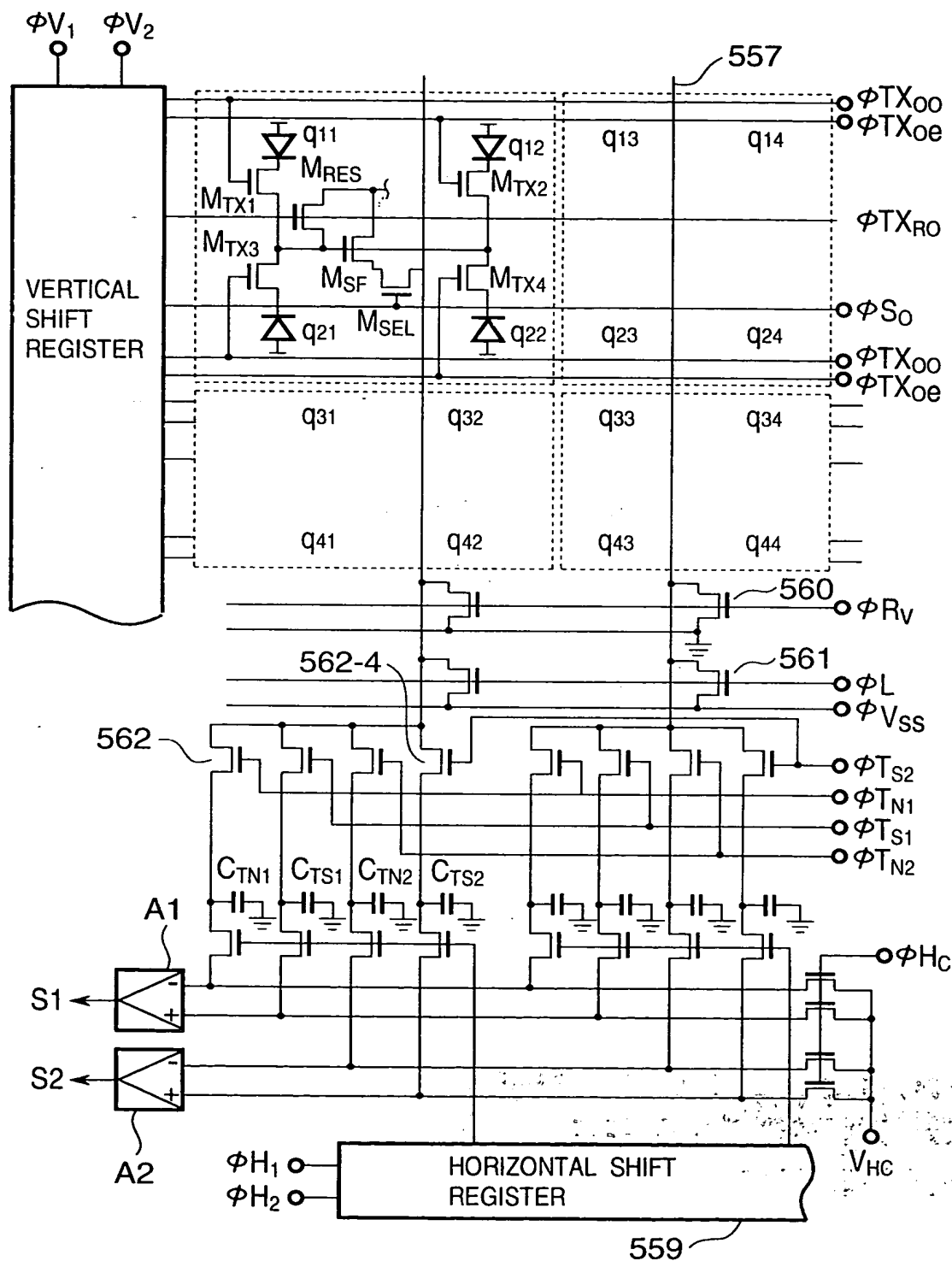


FIG. 33



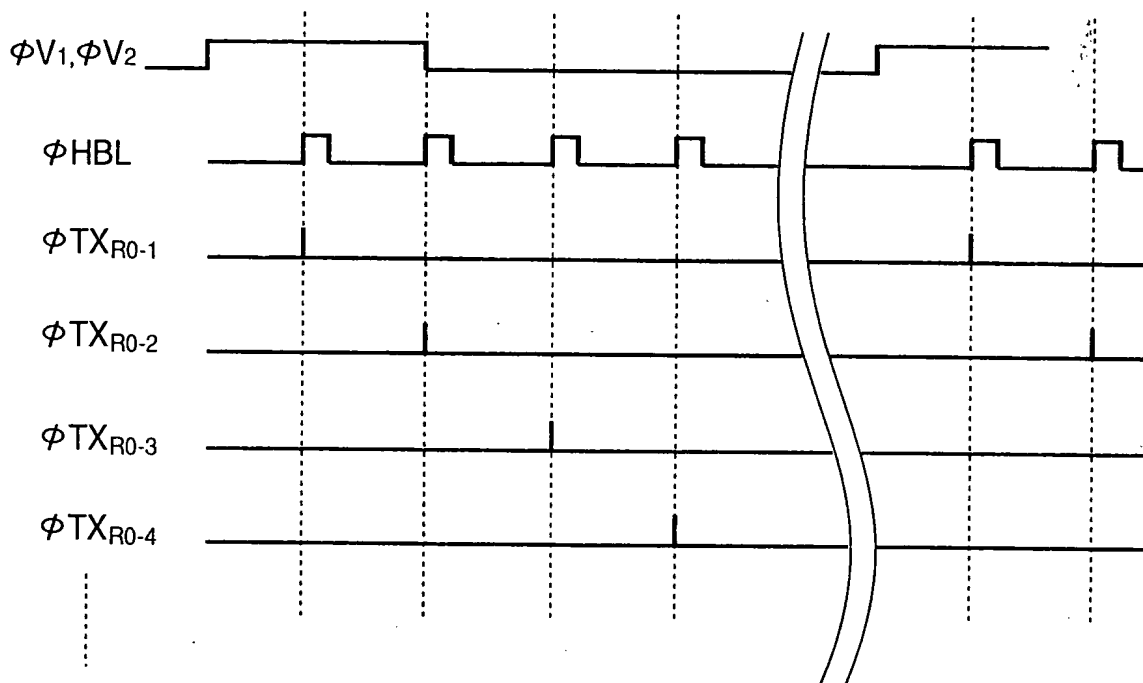
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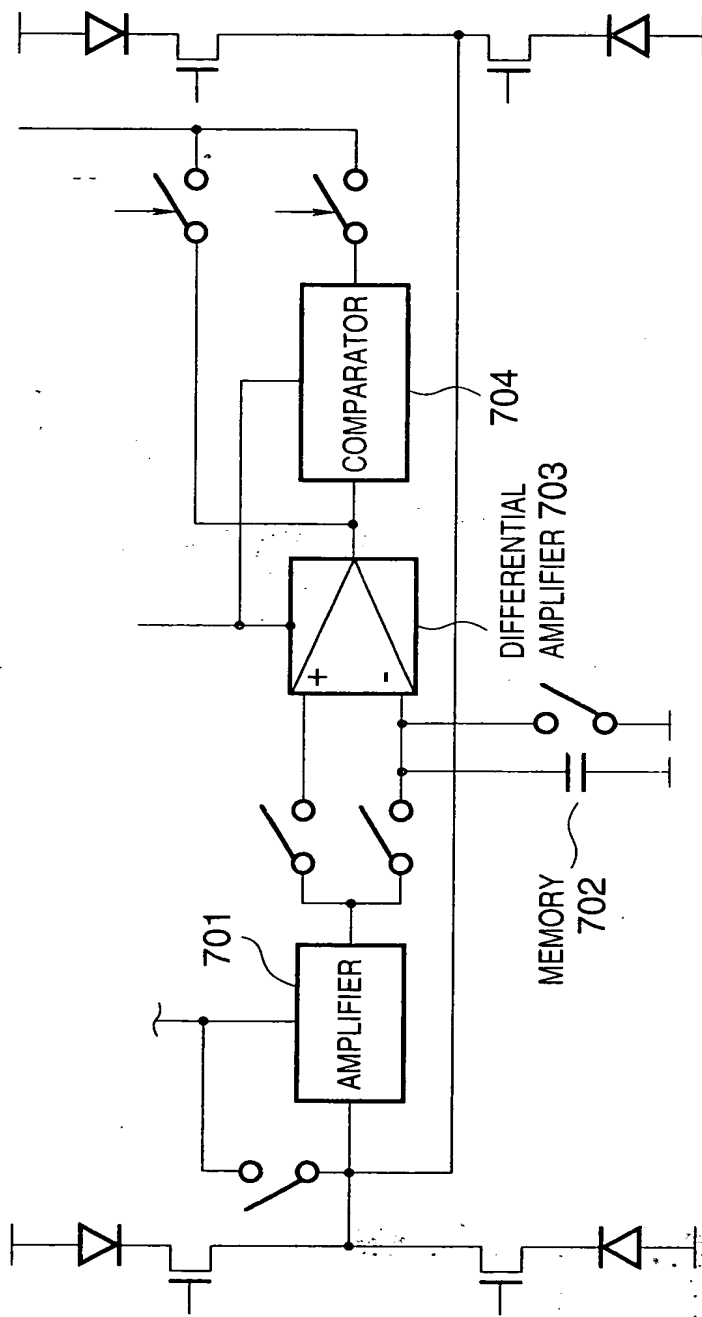
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FIG. 36



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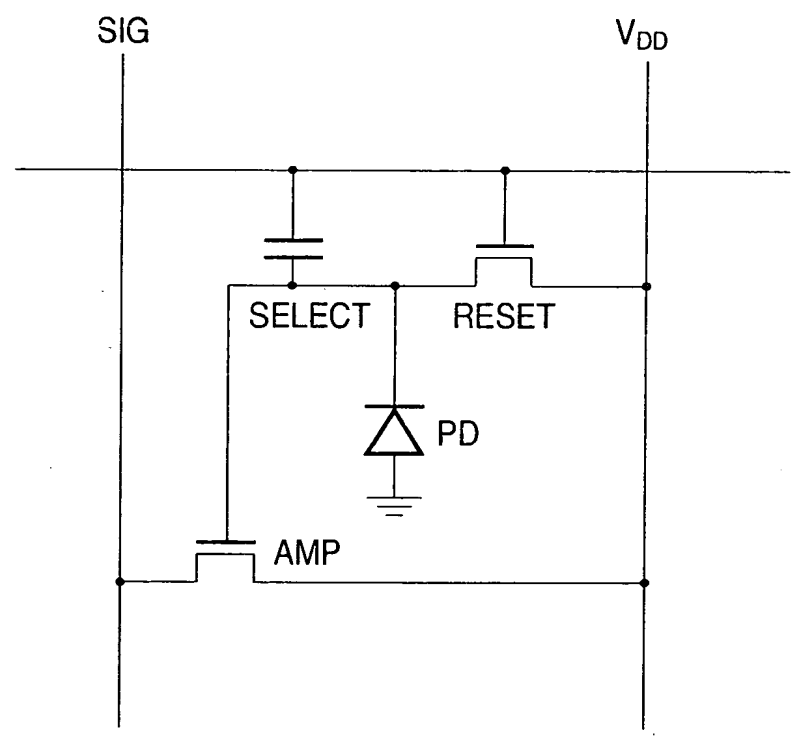
FIG. 37



APPROVED	O.G. FIG.	
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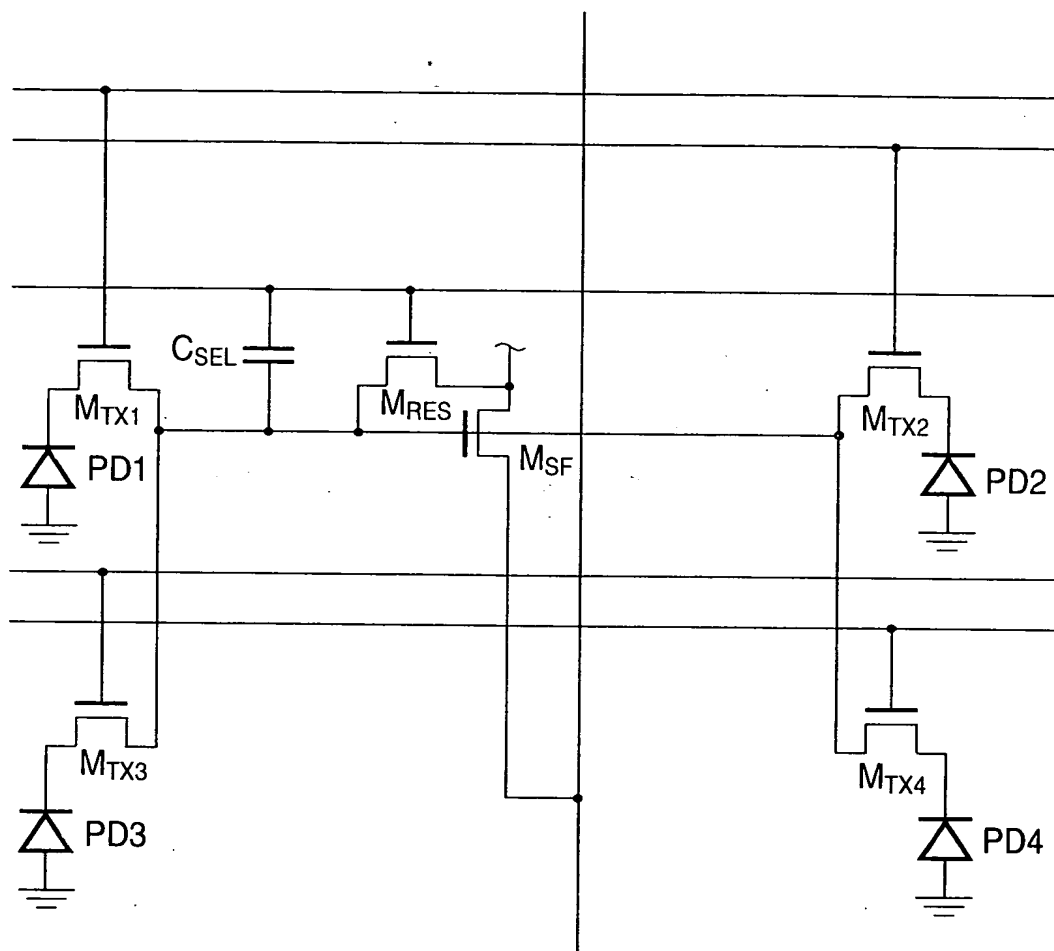
FIG. 38

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004210-12866200

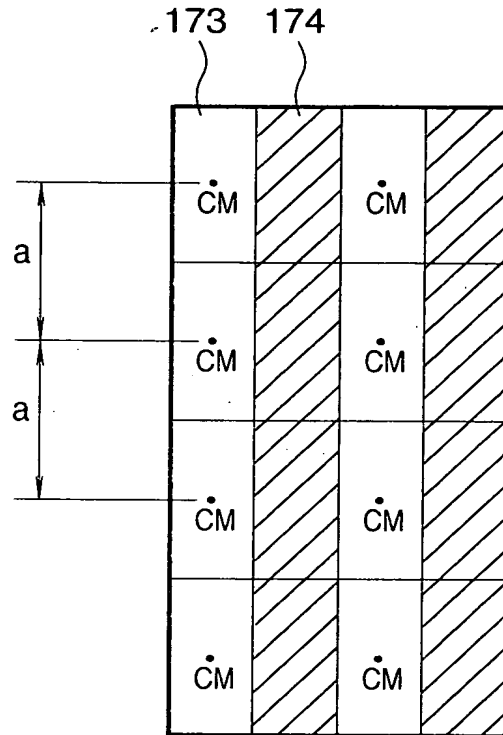
FIG. 39



APPROVED	O.G. FIG.	
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FIG. 40

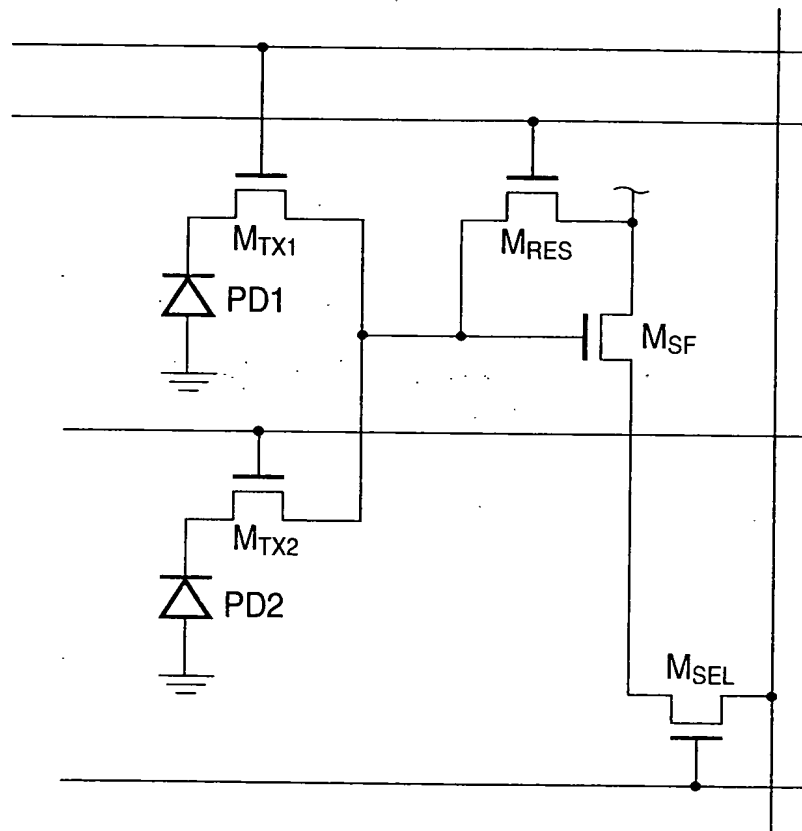


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APPROVED	O.G. FIG.	
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FIG. 41



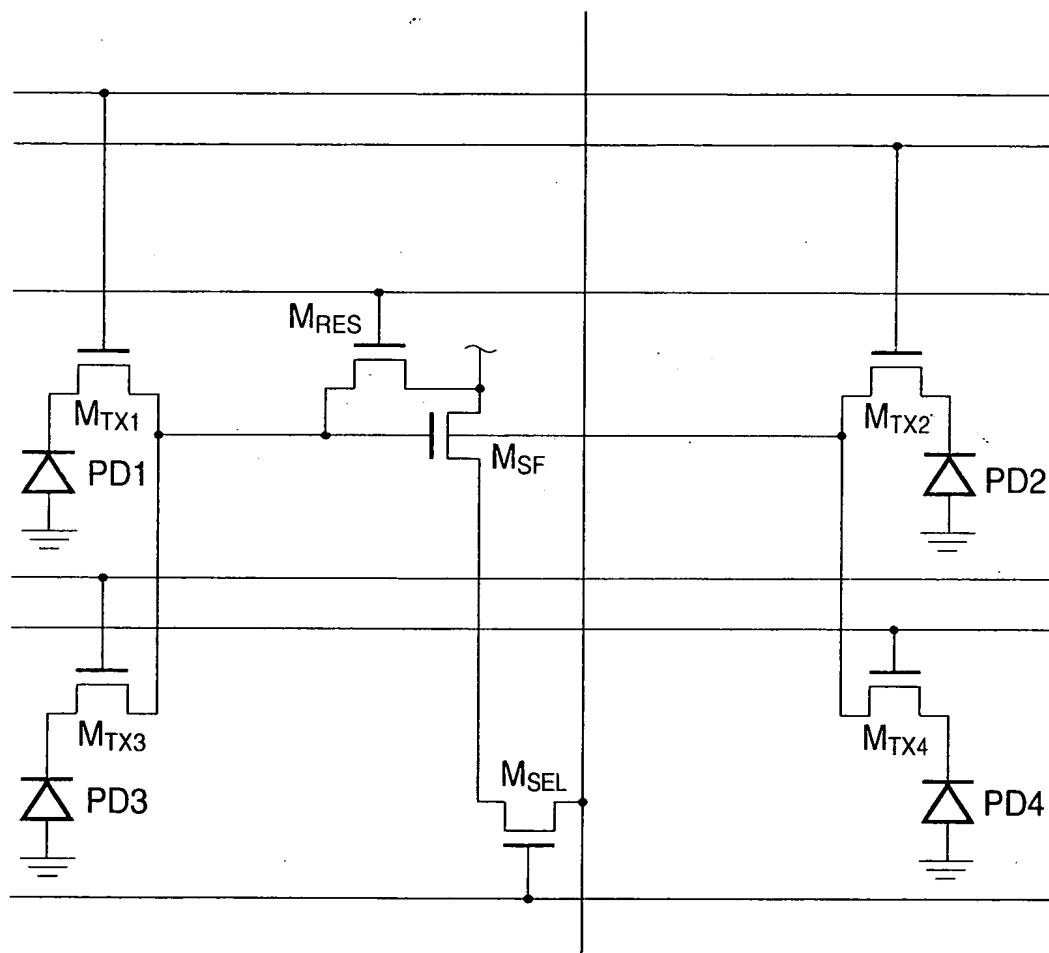
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TIME: [illegible]
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FIG. 42



APPROVED	O.G. FIG.	
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FIG. 43

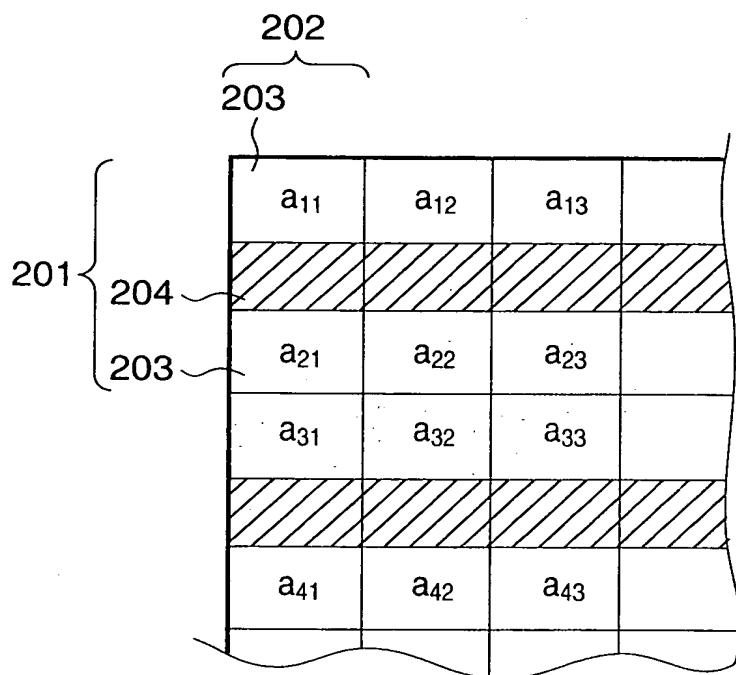
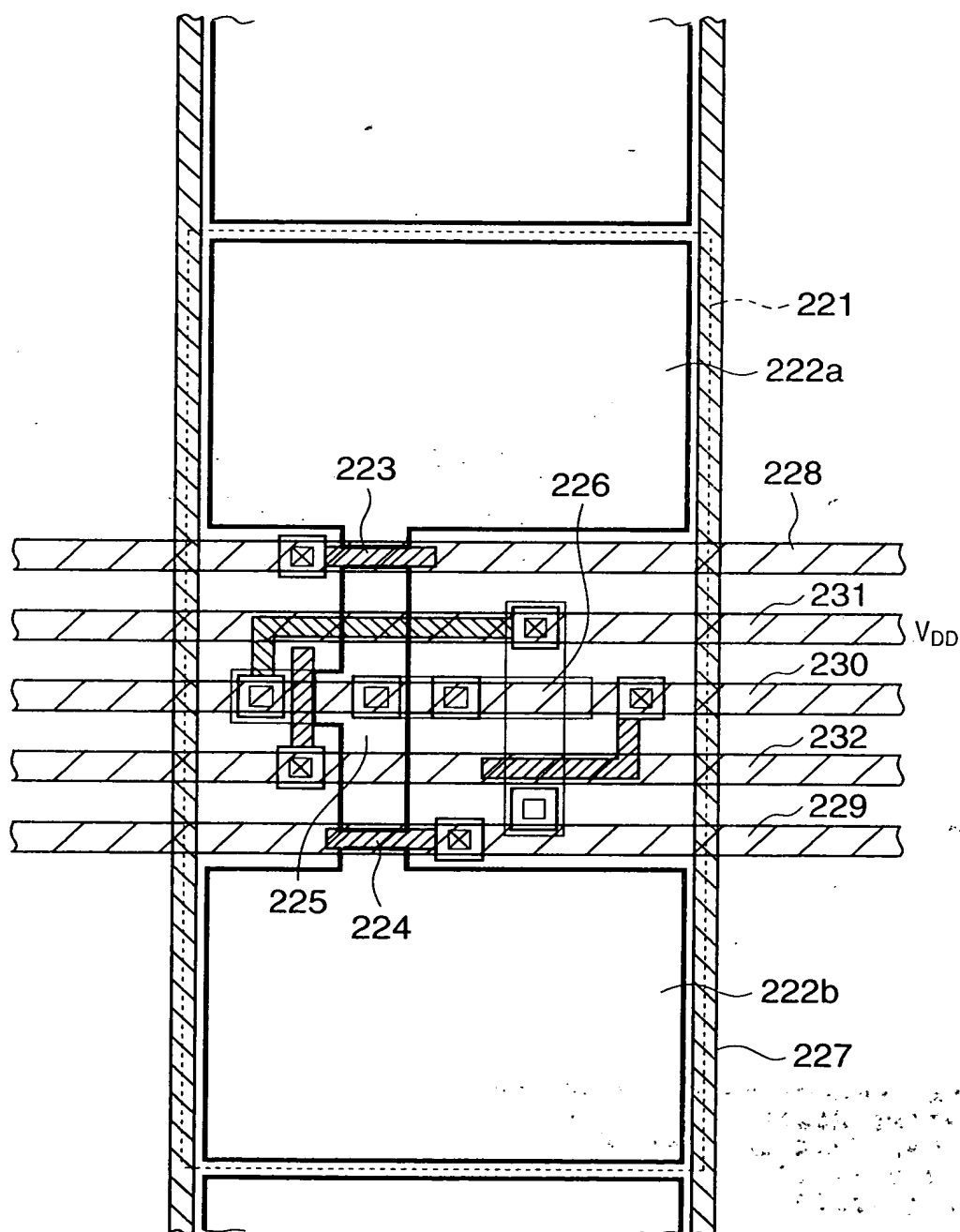


FIG. 44



APPROVED	O.G. FIG.	
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FIG. 45A

R	G	R	G
G	B	G	B
R	G	R	G

FIG. 45B

Cy	Ye
Mg	G
Cy	Ye
G	Mg

002240-112866200

FIG. 47

